

QUANTUM EVOLUTION DIGITAL VIDEO RECORDER WITH BUILT-IN DVD-R



THE NEXT GENERATION OF QUANTUM DVRS WITH TELEMETRY

Vista's extremely successful Quantum DVD range has been enhanced to include telemetry, SATA hard drives and a graphical user interface (GUI) front end that ensures ease of use for both installer and end user. The Quantum DVD combines many of the features characteristic of high-end DVR solutions whilst retaining a clear focus on the needs and priorities of cost conscious installations. The Quantum DVD range comprises ten models with a choice of 4, 8 or 16 channel inputs each with various hard disk capacities of up to 1TB.

With its MPEG 4 compression, choice of hard disk sizes, advanced alarm and flexible recording options of up to 100ips in standard resolution or 50ips in high resolution, Quantum DVD represents a highly effective and flexible range of DVRs with the benefit of instant archive of images to the on-board DVD-R or via the USB point.

The telemetry function controls PTZ domes either from the front panel or via the software viewer which uses Vista PowerDome, Pelco P and Pelco D protocols.

To learn more about this product range please visit us at vista-cctv.com



Key Features:

Telemetry

Front panel and software control of PTZ domes using Vista PowerDome, Pelco P and Pelco D protocols

Low cost, high spec

Designed specifically for cost conscious installations, but with key features usually found on only high-end DVRs

Fully featured

Simultaneous record, playback, background image archiving and remote viewing is available with no loss of recording performance

Smooth playback of images

100ips recording in standard resolution (CIF), or 50ips in high resolution (2CIF)

Maximising disk space

The Quantum DVD uses conditional MPEG4 and not full frame compression so it records a greater amount of information onto a smaller disk space

Superior image quality

Image quality is an impressive 2CIF, meaning that quality does not have to be sacrificed when working to a tight budget, 3 level settings for quality allows the unit to be configured exactly as site requirements demand

THE PROFESSIONAL CHOICE

MODELS IN THIS RANGE

Quantum04-DVDxxxEV	4 camera, 100ips max (PAL), MPEG 4 DVR with integrated DVD-R writer <i>xxx = 80, 160 or 320 SB</i>
Quantum08-DVDxxxEV	8 camera, 100ips max (PAL), MPEG 4 DVR with integrated DVD-R writer <i>xxx = 160, 320 or 640 SB</i>
Quantum16-DVDxxxEV	16 camera, 100ips max (PAL), MPEG 4 DVR with integrated DVD-R writer <i>xxx = 160, 320, 640 or 1000 SB</i>

TECHNICAL SPECIFICATION

GENERAL

Video inputs	Quantum4 models - 4 x 1.0 Vp-p/751 composite Quantum8 models - 8 x 1.0 Vp-p/751 composite Quantum16 models - 16 x 1.0 Vp-p/751 composite
Video output	1 x 1.0 Vp-p/751 composite, 1 x S-VIDEO, 1 x VGA (8 & 16 channel units only)
Alarm inputs	4
Alarm outputs	1 x TTL contact relay
Video compression	2CIF MPEG 4
Audio compression	ADPCM
Record speed	Up to: 100ips (PAL), 120ips (NTSC)
Record resolution	360x288 / 720x288 (PAL) 360x240 / 720x240 (NTSC)
Network interface	Ethernet, 10/100Base/T
Network protocol	TCP/IP, HTTP, DHCP, PPPOE
Hard drive storage	80GB, 160GB, 250GB (Western Digital Caviar series)
Archive storage	On-board x8 DVD-R drive & USB 2.0 (for CD/DVD/HDD/Flash/Pen drive)
RS485	Telemetry
Hard drives	SATA

CONTROLS

Video control	Play, Stop/Eject, Pause, Fast Forward & Rewind
Record	On/Off
Multi-screen	Quantum4 models - Full, PIP, 2x2 Quantum8 models - 1, 4, 6, 8, sequence Quantum16 models - 1, 4, 6, 8, 16, sequence
Menu	Menu
Jog shuttle	Menu control and Video Control
Numeric	Camera select
Remote control	IR remote handset

CONNECTORS

Input power	2.1mm barrel connector centre +ve
Video in (composite)	Quantum4 models - 4 x BNC Quantum8 models - 8 x BNC Quantum16 models - 16 x BNC
Video out	Composite out 1 x BNC, 1 x S-VIDEO, 1 x VGA (8 & 16 channel units only)
Ethernet	1 x RJ45
Alarm in (pairs)	Push terminals
Alarm out (pairs)	Push terminals
Audio in	4 x RCA
Audio out	1 x RCA
Telemetry	Vista PowerDome, Pelco P and Pelco D

PHYSICAL

Dimensions	447(W)x380(D)x90(H)mm
Weight	7.6Kg
Shipping weight	9.4Kg
Colour	Black

ELECTRICAL

Input voltage	100~240V AC
Power consumption	Quantum4 models - 36W Quantum8 models - 70W Quantum16 models - 70W

ENVIRONMENTAL

Operating temperature	5°C to +40°C
Storage temperature	-10°C to +60°C
Humidity	<80% non-condensing



No liability will be accepted by Vista for any errors or omissions in this information.

DS-QuantumDVDTelemetry-version1

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